

### Performance Table

Unit	Item	Model									
		15H			30H			60H			
Injection Unit	Screw cylinder type	K	A	B	K	A	B	K	A	B	
	Screw diameter in	0.63	0.71	0.79	0.79	0.87	0.98	0.98	1.10	1.26	
	Screw stroke in	2.362			3.150			3.937			
	Theoretical injection capacity in <sup>3</sup>	0.73	0.92	1.10	1.53	1.83	2.38	2.99	3.78	4.88	
	Injection capacity (GP-PS) oz	0.4	0.5	0.6	0.9	1.0	1.3	1.6	2.0	2.6	
	Standard	Injection pressure(Max.) psi	40030	31620	25670	39160	32340	24950	39160	31180	23930
		Holding pressure(Max.) psi	36400	28720	23350	35530	29440	22770	35530	28280	21760
		Injection speed in/s	13.78			13.78			13.78		
		Injection rate in <sup>3</sup> /s	4.3	5.5	6.8	6.8	8.2	10.4	10.4	13.1	17.2
		Plasticizing rate (GP-PS) oz/s	0.10	0.14	0.17	0.17	0.21	0.27	0.33	0.45	0.73
		Screw speed rpm	500			500			400		
		High speed (HS)	Injection pressure(Max.) psi	40030	31620	25670	39160	32340	24950	39160	31180
	Holding pressure(Max.) psi		36400	28720	23350	35530	29440	22770	35530	28280	21760
	Injection speed in/s		21.65			21.65			19.69		
	Injection rate in <sup>3</sup> /s		6.7	8.6	10.6	10.6	12.9	16.3	14.8	18.7	24.5
	Plasticizing rate (GP-PS) oz/s		0.10	0.14	0.17	0.17	0.21	0.27	0.33	0.45	0.73
	Ultra speed (US)	Screw speed rpm	500			500			400		
		Injection pressure(Max.) psi	40030	31620	25670	39160	32340	24950	39160	31180	23930
		Holding pressure(Max.) psi	36400	28720	23350	35530	29440	22770	35530	28280	21760
		Injection speed in/s	31.50			31.50			31.50		
		Injection rate in <sup>3</sup> /s	9.7	12.3	14.7	15.3	18.3	23.8	23.9	30.2	39.0
	Clamping Unit	Plasticizing rate (GP-PS) oz/s	0.10	0.14	0.17	0.17	0.21	0.27	0.33	0.45	0.73
		Screw speed rpm	500			500			400		
		Nozzle touch force U.S. ton	1.11			1.66			1.66		
		Nozzle stroke from platen in	2.0								
		Type of nozzle	Open nozzle						Open nozzle (Tip type)		
		Cylinder temperature control	Cylinder 3 / Nozzle 2						Cylinder 4 / Nozzle 2		
Heater wattage kW		3.1			3.9			5.5			
Mechanism		Double toggle									
Clamping force U.S. ton		60.7									
Daylight opening (Max.) in		24.80									
Opening stroke (Max.) in	10.24										
Mold height in	6.299~14.567										
Distance between tie-bars (H×V) in	14.17×12.20										
Platen size (H×V) in	20.47×18.50										
Ejector point	5 points										
Ejector force U.S. ton	2.25										
Ejector stroke in	2.756										
General	Machine weight U.S. ton	3.3			3.4			3.4			
	Machine dimensions (L×W×H) ft	11.61×3.44×5.18			11.61×3.44×5.18			12.01×3.44×5.18 (US 12.40×3.44×5.18)			

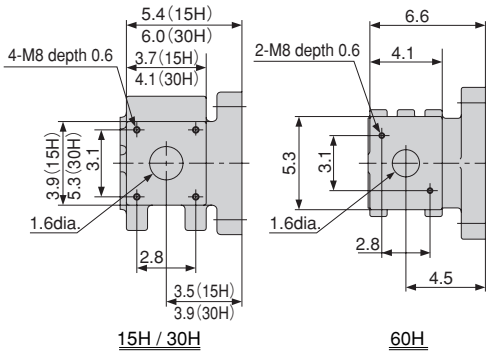
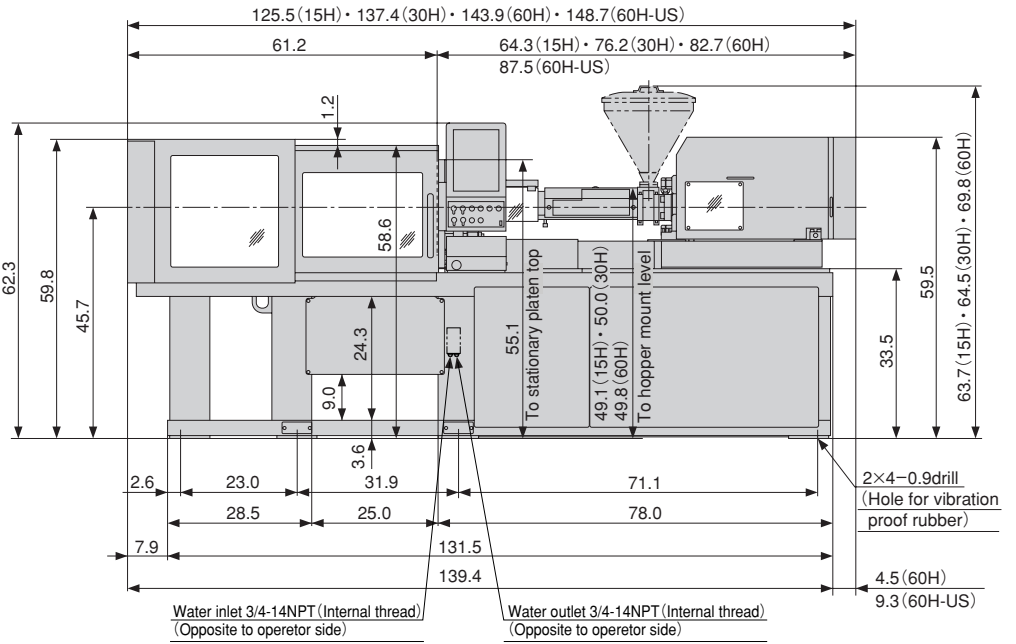
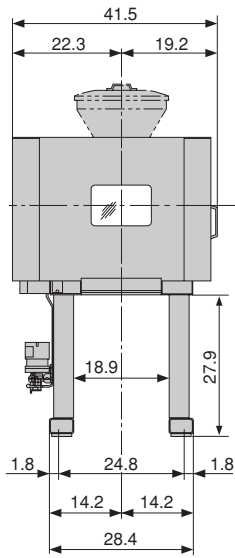
**Remarks:**

1. Maximum injection pressure and maximum holding pressure may be restricted due to molding condition.
2. The theoretical injection capacity is (cross sectional area of cylinder) × (stroke of screw).
3. The injection capacity is applicable for GP-PS and variable according to the grade of resin, molding conditions and mold.
4. The plasticizing rate is applicable for GP-PS.
5. PC, HPVC, other engineering plastic, etc., low temperature setting and high speed molding may require a high torque depending on the grade or molding conditions. Please contact us if you plan.

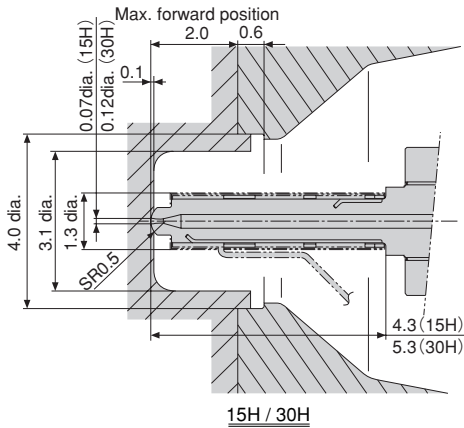
**Note:**

1. Due to continual improvements, specifications are subject to change without notice.
2. Actual figures of the specification will vary depending on final machine configuration. Please contact us if you require more specific data.
3. Performance specifications are based on theoretical data.
4. High speed injection and Ultra speed injection are optional.

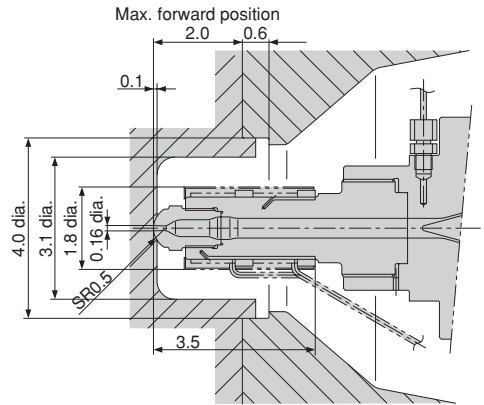
## Equipment Dimensions and Mold Related Dimensions



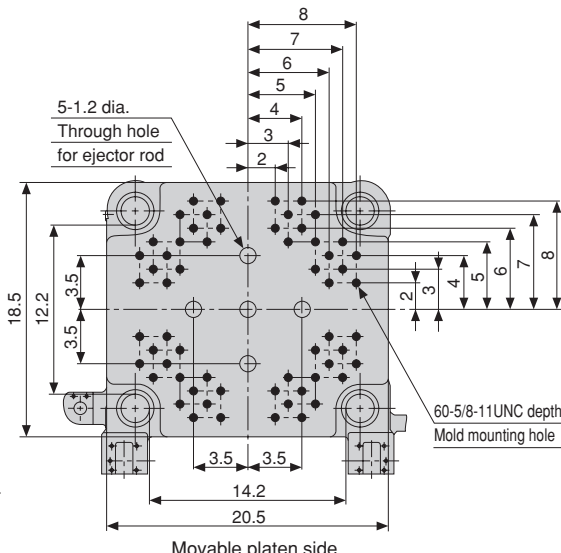
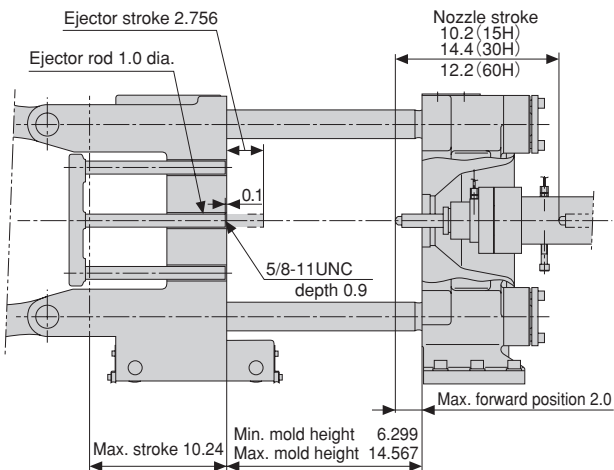
Hopper mount



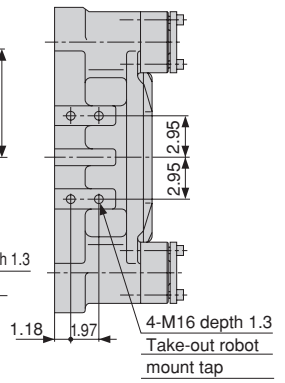
15H / 30H



60H



Movable platen side



Upper surface of stationary platen